

## 109.1 - Organics

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	869b	870	877	1491a	1492	1493	1494	1543	1580	1582	1584	1586	1588b	1596	1597a	1614	1639	1647e
Description	Column Selectivity Test Mixture for Liquid Chromatography	LC Performance	Chiral Selectivity Test Mixture for Liquid Chromatography	Methyl-Substituted Polycyclic Aromatic Hydrocarbons in Toluene	Chlorinated Pesticides/Hexane	PCB Congeners	Aliphatic Hydrocarbons	GC/MS System Performance	Shale Oil	Petroleum Crude Oil	Phenols in Methanol	Isotope Label Pollutants	Organics in Cod Liver Oil	Dinitropyrene Isomers and 1-Nitropyrene in Methylene Chloride	Complex Mixture of Polycyclic Aromatic Hydrocarbons Coal Tar	Dioxin in Isooctane	Halocarbons (in Methanol)	Priority Pollutant PAHs
Unit of Issue	(5 x 1.1 mL)	(5 x 1.1 mL)	(5 x 1.1 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(4 x 1 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(6 x 2 mL)	(4 x 1.2 mL)	(5 x 1.3 mL)	(3 x 1.3 mL)	(6 x 1.2 mL)	(5 x 1.2 mL)	(set (5))
solution				x	x	x	x				x	x		x		x	x	
PAHs				x					x	x					x			x
pesticides					x								x					
PCBs						x							x					
misc							x				x	x	x				x	
matrix									x	x			x		x			
PBDEs													x					
fatty acids													x					
dioxins/furans																x		
nitro-PAHs														x				
Me-Hg																		

NOTE 1566b and 2976 also have methylmercury values assigned

Also, see page 1 of the Environmental Brochure (NIST SRMs for Environmental Materials) for the listing of the 3000 series calibration solutions and components.

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1649b	1650b
Urban Dust 1 bottle with 2 grams)	Diesel Particulate Matter (200 mg)
x	x
x	
x	
x	x
x	x
x	
x	x

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SRM	1939a	1941b	1944	1945	1946	1947	1953	1954	1957	1958	1974b	1975	2257	2258	2259	2260a	2261
Description	PCBs in River Sediment A	Organics in Marine Sediment	New York/New Jersey Waterway Sediment	Organics in Whale Blubber	Lake Superior Fish Tissue	Lake Michigan Fish Tissue	Organic Contaminants in Non-Fortified Human Milk	Organic Contaminants in Fortified Human Milk	Organic Contaminants in Non-Fortified Human Serum	Organic Contaminants in Fortified Human Serum	Organics in Mussel Tissue (Mytilus edulis)	Diesel Particulate Extract	PBDE Congeners in 2,2,4-Trimethylpentane	BDE 209 in 2,2,4-Trimethylpentane	PCB Congeners in 2,2,4-Trimethylpentane	Aromatic Hydrocarbon in Toluene	Chlorinated Pesticides in Hexane
Unit of Issue	(50 g)	(50 g)	(50 g)	(2x15 g)	(5 x 7-9 grams)	(5 x 8 grams)	(5 vials x 5 mL)	(5 vials x 5 mL)	(5 vials x 10 mL)	(5 vials x 10 mL)	(5 x 8-10 g)	(4x1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(5 ampoules x 1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)
solution											x		x		x		x
PAHs		x	x								x	x				x	
pesticides	x	x	x	x	x	x	x	x	x	x	x						x
PCBs	x	x	x	x	x	x	x	x	x	x	x						
misc		x	x				x	x							x		
matrix	x	x	x	x	x	x	x	x	x	x		x					
PBDEs				x			x	x	x	x			x	x			
fatty acids					x	x											
dioxins/furans			x														
nitro-PAHs												x					
Me-Hg					x	x					x						

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2262	2264	2265
Chlorinated Biphenyl Cogeners in Isooctane (5 x 1.2 mL)	Nitrated Aromatic Hydrocarbons in Methylene Chloride I (5 x 1.2 mL)	Nitrated Polycyclic Hydrocarbons in Methylene Chloride II (5 x 1.2 mL)
x	x	x
x		
	x	x

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SRM	2266	2267	2268	2269	2270	2273	2274	2275	2276	2277	2278	2585	2974a	2975	2977	8466	8467	8469
Description	Hopananes and Steranes in, 2,2,4-Trimethylpentane	Deuterated Levoglucosan in Ethyl Acetate	Carbon-13 Labeled Levoglucosan in Ethyl Acetate	Perdeuterated PAH-I Solution in Hexane/Toluene	Perdeuterated PAH-II Solution in Hexane/Toluene	Chlorinated Pesticides (DDTs) and Metabolites in Isooctane	PCB Congener Solution-II in Isooctane	Chlorinated Pesticide Solution-II in Isooctane	Three Planar Polychlorinated Biphenyl (PCB) Congeners in Isooctane	Organic Acids in Methanol: Methylene Chloride	Deuterated Organic Acids in Methanol: Methylene Chloride	Organic Contaminants in House, Dust	Organics in Freeze-Dried Mussel Tissue (Mytilus edulis)	Diesel Particulate Matter	Mussel Tissue (Organic Contaminants and Trace Elements)	Y-HCH (Lindane)	4,4'-DDE	Pesticide, 4,4'-DDT
Unit of Issue	(5 x 1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(5x1.2 mL)	(5x1.2 mL)	(5x1.2 mL)	(5x1.2 mL)	(5x1.2 mL)	(5x1.2 mL)	(5 x 1.2 mL)	(5 x 1.2 mL)	(10 g)	(5 g)	(1 g)	(10 g)	(100 mg)	(100 mg)	(100 mg)
solution	x	x	x	x	x	x	x	x	x									
PAHs				x	x							x	x	x				
pesticides						x		x				x	x		x	x	x	x
PCBs							x		x			x	x					
misc	x	x	x							x	x			x				
matrix												x	x	x				
PBDEs												x	x		x			
fatty acids																		
dioxins/furans																		
nitro-PAHs														x				
Me-Hg													x					

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